

Amendments to the claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please cancel claims 10, 11 and 13 without prejudice.

Please amend claims 9, 12 and 14 as follows:

1-8 (Cancelled)

9. (Currently Amended) Display device comprising:

means of reception of a video signal;

means of periodic generation of successive coloured beams taking successively at each period a plurality of determined primary colours; and

means of modulation of each of said coloured beams for generating during a determined duration an image to be displayed in each of said determined primary colours as a function of the received video signal;

means for modifying the determined primary colours by varying the duration of at least one of the distinct colours taken by each of the coloured beams; and

means of determination of the hue of at least one of said primary colours as a function of the received video signal;

wherein each of said determined primary colours is obtained as a result of at least two distinct colours taken successively by the colour beam during the determined duration of modulation of the colour beam for generating an image in the primary colour.

10. (Cancelled)

11. (Cancelled)

12. (Currently Amended) Display device according to Claim 11, comprising:

means of reception of a video signal; and

means of periodic generation of successive coloured beams taking successively at each period a plurality of determined primary colours, and comprising a first coloured wheel and a second coloured wheel successively traversed by a luminous beam, each coloured wheel carrying a plurality of coloured filtering sectors and being driven in rotation with an angular speed that is substantially identical;

means of modulation of each of said coloured beams for generating during a determined duration an image to be displayed in each of said determined primary colours as a function of the received video signal;

means for modifying the determined primary colours by varying the position of the second coloured wheel relative to the first coloured wheel; and

means of determination of the position of the second coloured wheel relative to the first coloured wheel as a function of the received video signal, wherein the means of modulation of each of the successive coloured beams generates the images to be displayed as a function of the received video signal

wherein each of said determined primary colours is obtained as a result of at least two distinct colours taken successively by the colour beam during the determined duration of modulation of this colour beam for generating an image in this primary colour.

13. (Cancelled)

14. (Currently Amended) Display device according to Claim 13, comprising:

means of reception of a video signal; and

means of periodic generation of successive coloured beams taking successively at each period a plurality of determined primary colours and comprising a first and a second identical coloured wheel successively traversed by a luminous beam, each coloured wheel carrying at least three coloured filtering

sectors of respective colours yellow, magenta and cyan and being driven in rotation;

means of modulation of each of said coloured beams for generating during a determined duration an image to be displayed in each of said determined primary colours as a function of the received video signal;

means for modifying the determined primary colours by varying the phase shift of the second coloured wheel with respect to the first coloured wheel; and

means of determination of the said phase shift as a function of the received video signal, wherein the means of modulation of each of the successive coloured beams generates the images to be displayed as a function of the received video signal;

wherein each of said determined primary colours is obtained as a result of at least two distinct colours taken successively by the colour beam during the determined duration of modulation of this colour beam for generating an image in this primary colour.